

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032723AL\
 Data File : FC063250.D
 Signal(s) : FID1A.ch
 Acq On : 27 Mar 2023 09:29
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Mar 27 12:37:50 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 031523.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 16 01:30:46 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.533	2719327	20.771 ug/ml
Spiked Amount 50.000		Recovery =	41.54%
12) S 1-chlorooctadecane (S...	12.969	2021435	20.950 ug/ml
Spiked Amount 50.000		Recovery =	41.90%
Target Compounds			
1) T n-Nonane (C9)	3.300	2704024	22.354 ug/ml
2) T n-Decane (C10)	4.367	2705769	22.996 ug/ml
3) T A~Naphthalene (C11.7)	5.949	2846651	22.107 ug/ml
4) T n-Dodecane (C12)	6.384	2691192	22.903 ug/ml
5) T A~2-methylnaphthalene...	7.006	2768917	23.541 ug/ml
6) T n-Tetradecane (C14)	8.180	2605221	22.629 ug/ml
7) T n-Hexadecane (C16)	9.779	2573103	22.087 ug/ml
8) T n-Octadecane (C18)	11.220	2604597	22.031 ug/ml
10) T n-Eicosane (C20)	12.527	2550783	22.143 ug/ml
11) T n-Heneicosane (C21)	13.138	2531701	21.965 ug/ml
13) T n-Docosane (C22)	13.723	2507822	22.023 ug/ml
14) T n-Tetracosane (C24)	14.825	2490166	21.903 ug/ml
15) T n-Hexacosane (C26)	15.844	2471572	21.962 ug/ml
16) T n-Octacosane (C28)	16.791	2473413	21.978 ug/ml
17) T n-Tricontane (C30)	17.677	2599556	22.855 ug/ml
18) T n-Dotriacontane (C32)	18.507	2677777	23.144 ug/ml
19) T n-Tetratriacontane (C34)	19.288	2562035	22.290 ug/ml
20) T n-Hexatriacontane (C36)	20.027	2488429	22.773 ug/ml
21) T n-Octatriacontane (C38)	20.754	2353416	21.781 ug/ml
22) T n-Tetracontane (C40)	21.648	2177172	20.560 ug/ml

(f)=RT Delta > 1/2 Window

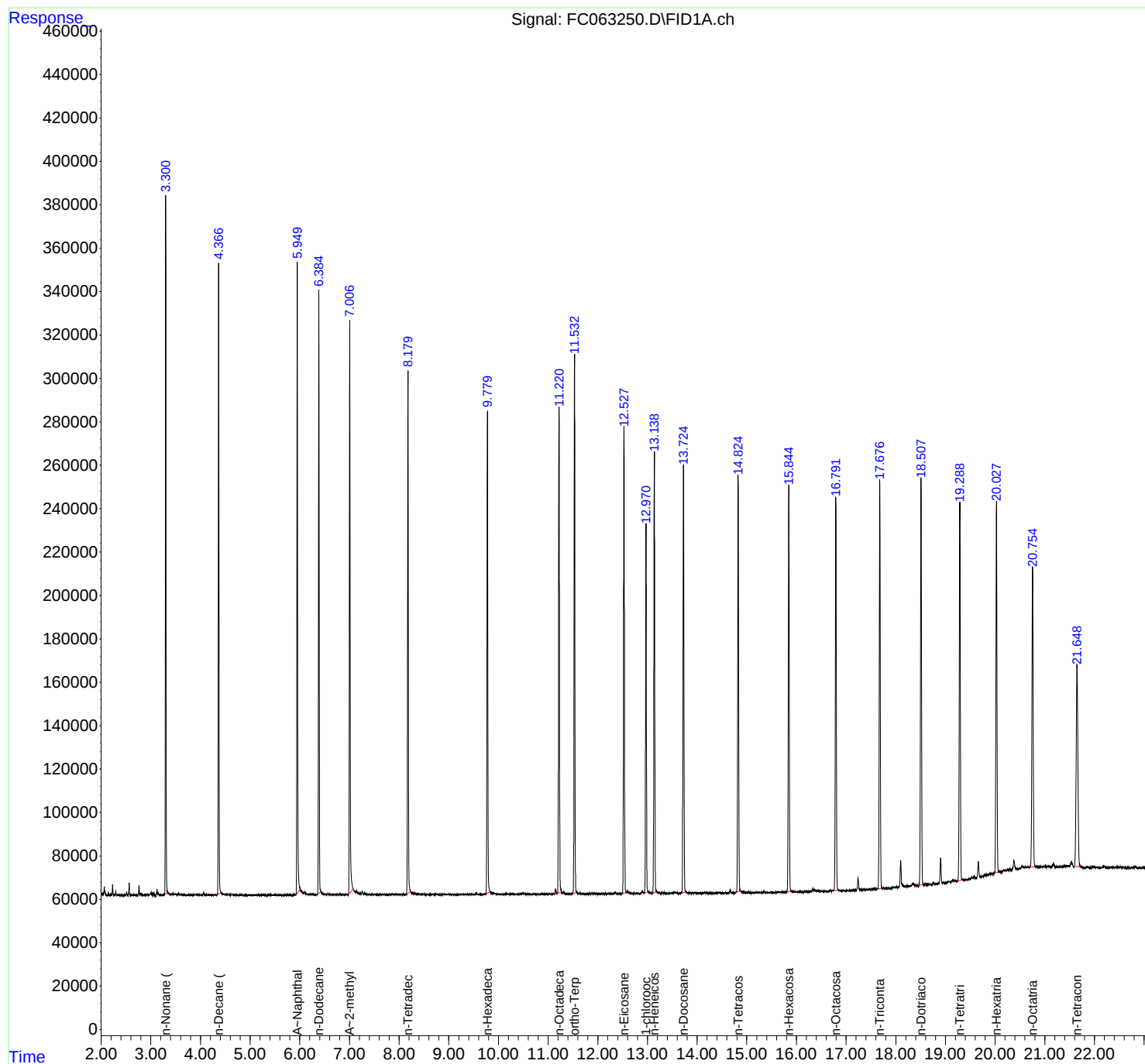
(m)=manual int.

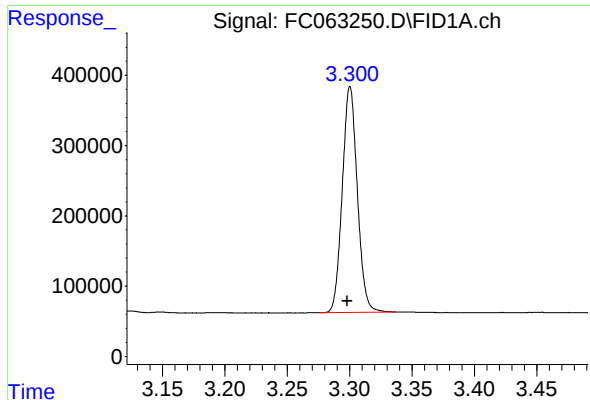
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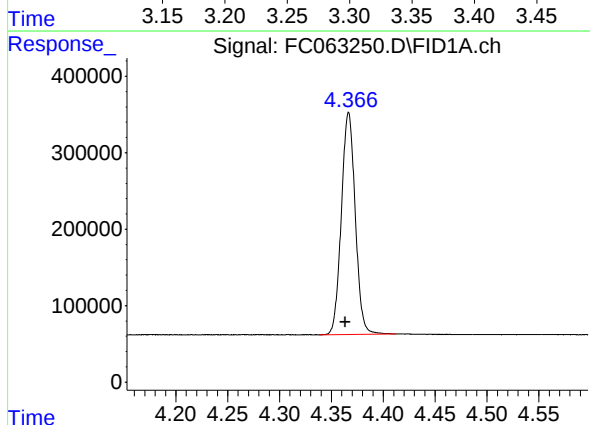




#1 n-Nonane (C9)

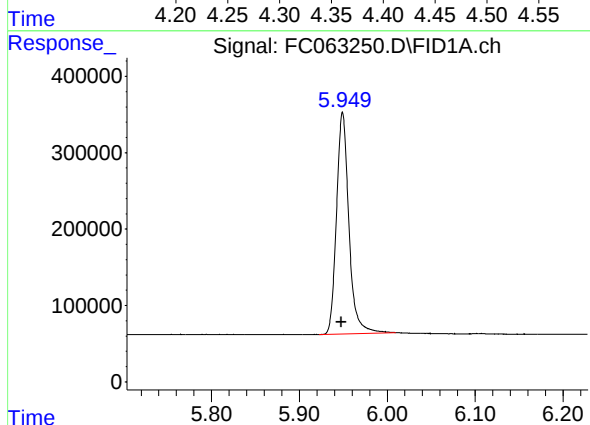
R.T.: 3.300 min
Delta R.T.: 0.002 min
Response: 2704024
Conc: 22.35 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



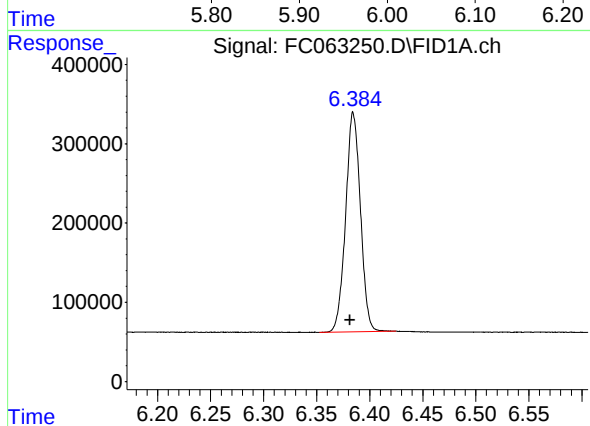
#2 n-Decane (C10)

R.T.: 4.367 min
Delta R.T.: 0.003 min
Response: 2705769
Conc: 23.00 ug/ml



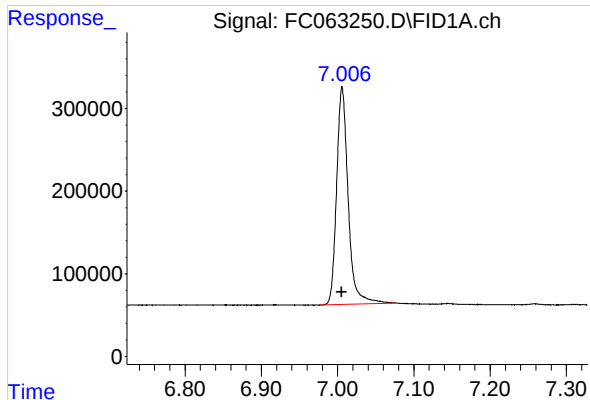
#3 A~Naphthalene (C11.7)

R.T.: 5.949 min
Delta R.T.: 0.001 min
Response: 2846651
Conc: 22.11 ug/ml



#4 n-Dodecane (C12)

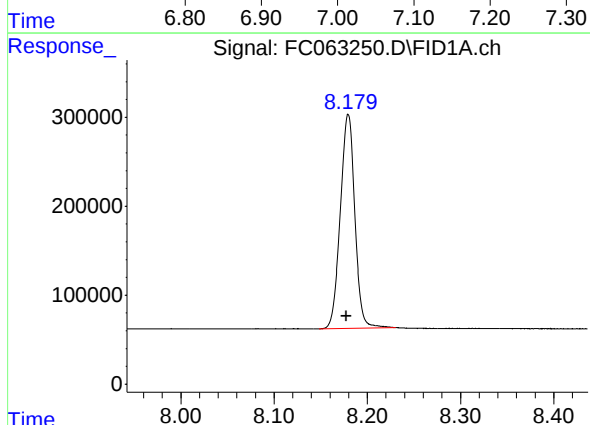
R.T.: 6.384 min
Delta R.T.: 0.003 min
Response: 2691192
Conc: 22.90 ug/ml



#5 A~2-methylnaphthalene (C12.89)

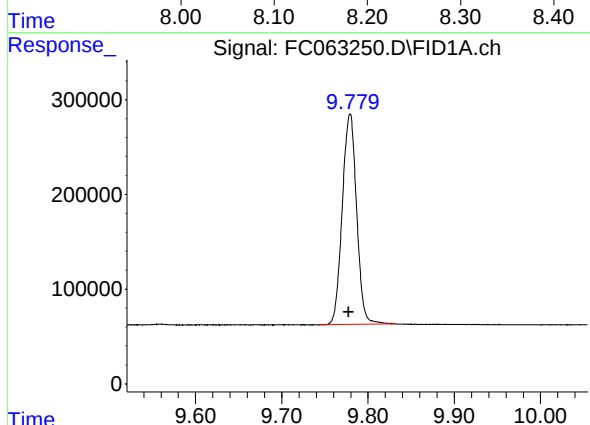
R.T.: 7.006 min
Delta R.T.: 0.000 min
Response: 2768917
Conc: 23.54 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



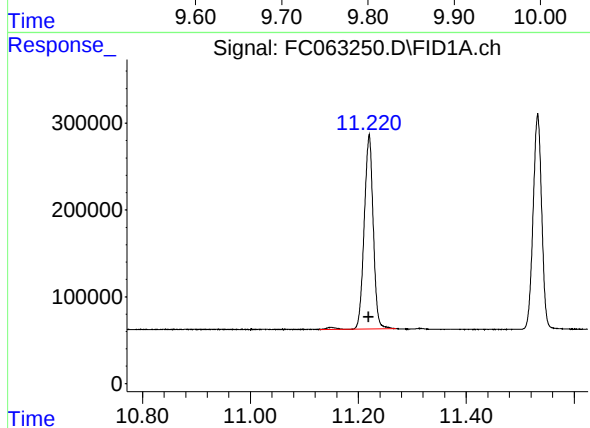
#6 n-Tetradecane (C14)

R.T.: 8.180 min
Delta R.T.: 0.002 min
Response: 2605221
Conc: 22.63 ug/ml



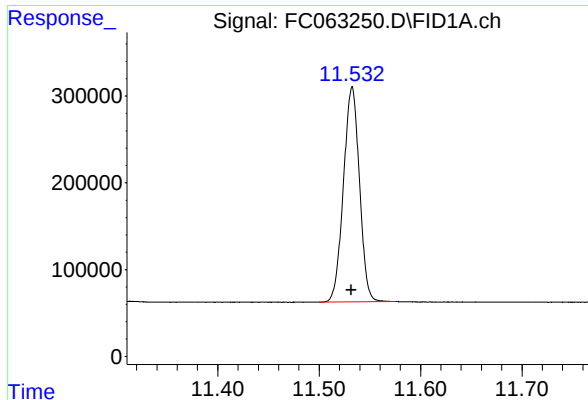
#7 n-Hexadecane (C16)

R.T.: 9.779 min
Delta R.T.: 0.002 min
Response: 2573103
Conc: 22.09 ug/ml



#8 n-Octadecane (C18)

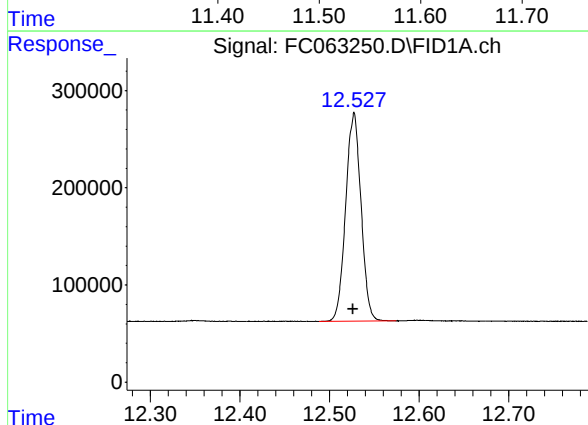
R.T.: 11.220 min
Delta R.T.: 0.001 min
Response: 2604597
Conc: 22.03 ug/ml



#9 ortho-Terphenyl (SURR)

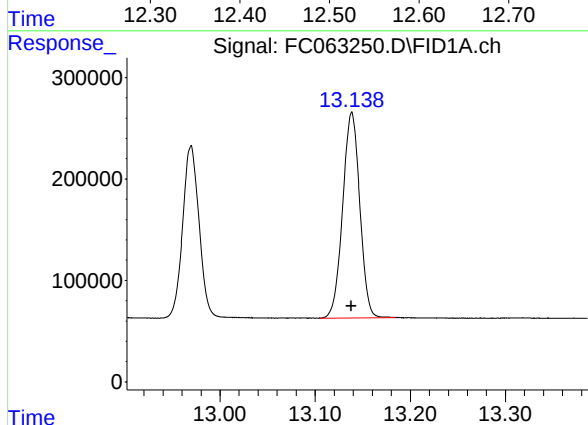
R.T.: 11.533 min
Delta R.T.: 0.000 min
Response: 2719327
Conc: 20.77 ug/ml

Instrument :
FID_C
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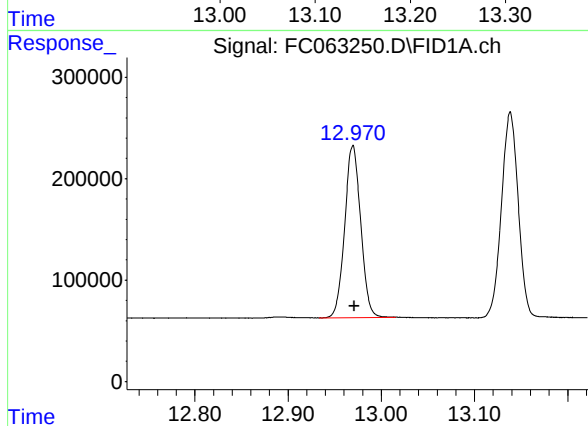
#10 n-Eicosane (C20)

R.T.: 12.527 min
Delta R.T.: 0.001 min
Response: 2550783
Conc: 22.14 ug/ml



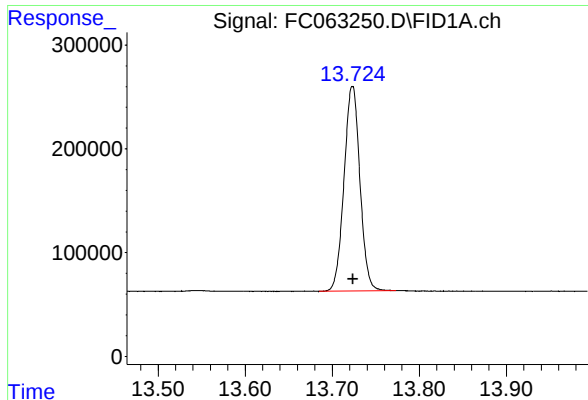
#11 n-Heneicosane (C21)

R.T.: 13.138 min
Delta R.T.: 0.000 min
Response: 2531701
Conc: 21.97 ug/ml



#12 1-chlorooctadecane (SURR)

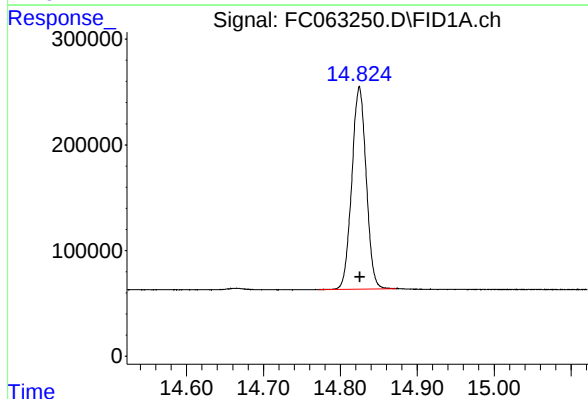
R.T.: 12.969 min
Delta R.T.: -0.001 min
Response: 2021435
Conc: 20.95 ug/ml



#13 n-Docosane (C22)

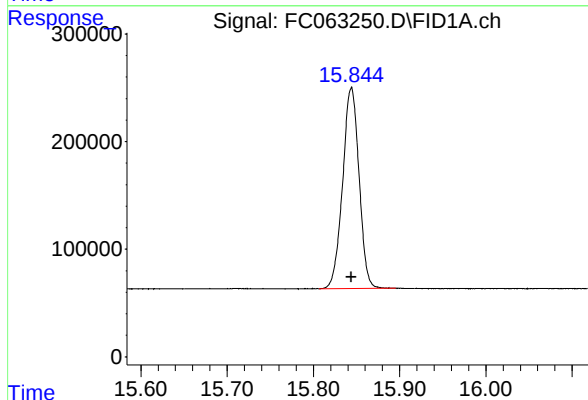
R.T.: 13.723 min
Delta R.T.: 0.000 min
Response: 2507822
Conc: 22.02 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



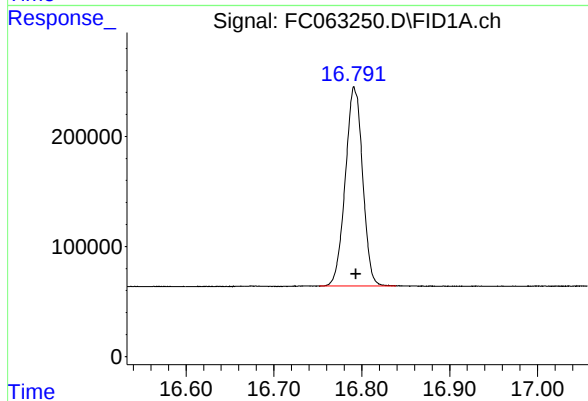
#14 n-Tetracosane (C24)

R.T.: 14.825 min
Delta R.T.: 0.000 min
Response: 2490166
Conc: 21.90 ug/ml



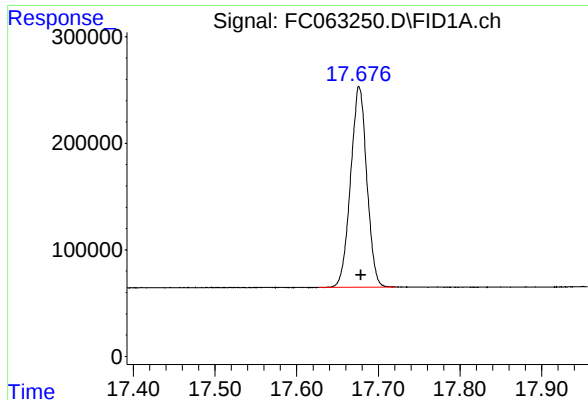
#15 n-Hexacosane (C26)

R.T.: 15.844 min
Delta R.T.: 0.000 min
Response: 2471572
Conc: 21.96 ug/ml



#16 n-Octacosane (C28)

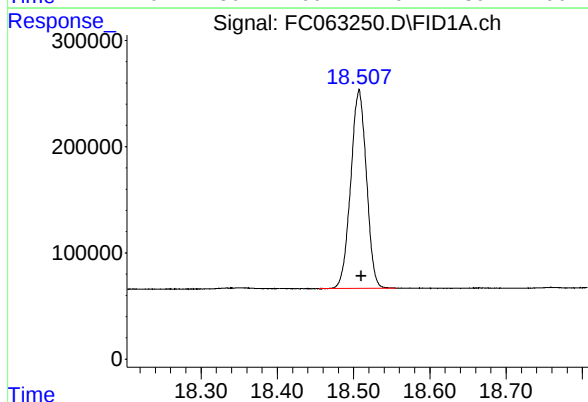
R.T.: 16.791 min
Delta R.T.: -0.002 min
Response: 2473413
Conc: 21.98 ug/ml



#17 n-Tricontane (C30)

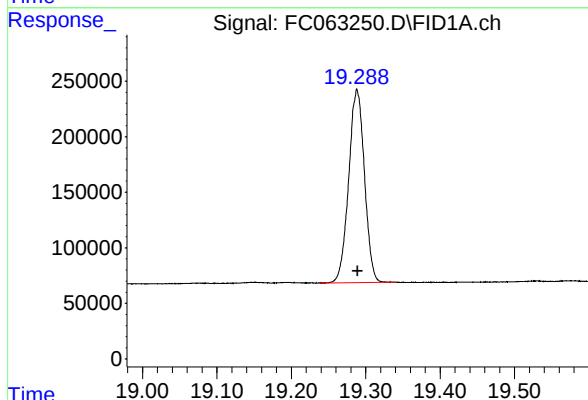
R.T.: 17.677 min
Delta R.T.: -0.002 min
Response: 2599556
Conc: 22.86 ug/ml

Instrument :
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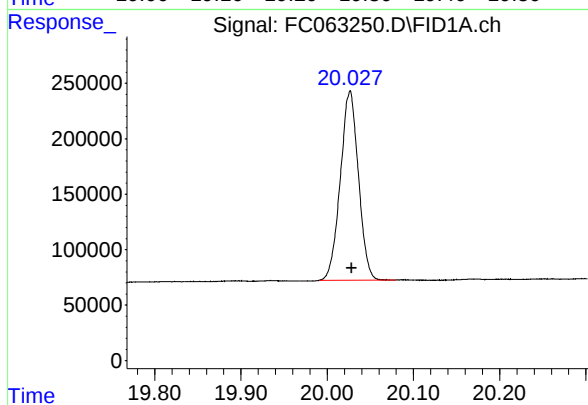
#18 n-Dotriacontane (C32)

R.T.: 18.507 min
Delta R.T.: -0.003 min
Response: 2677777
Conc: 23.14 ug/ml



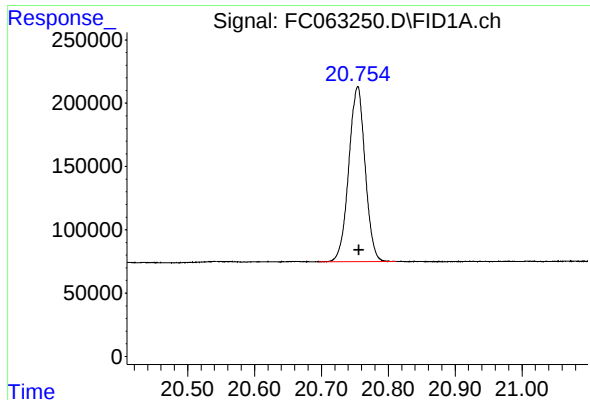
#19 n-Tetratriacontane (C34)

R.T.: 19.288 min
Delta R.T.: 0.000 min
Response: 2562035
Conc: 22.29 ug/ml



#20 n-Hexatriacontane (C36)

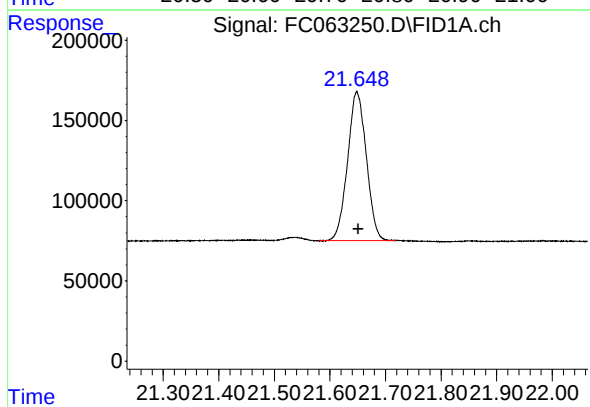
R.T.: 20.027 min
Delta R.T.: -0.002 min
Response: 2488429
Conc: 22.77 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.754 min
Delta R.T.: -0.002 min
Response: 2353416
Conc: 21.78 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.648 min
Delta R.T.: -0.003 min
Response: 2177172
Conc: 20.56 ug/ml